

# S P Joy

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,396  
citations

706676

14  
h-index

651938

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1896  
citing authors

#	ARTICLE	IF	CITATIONS
1	Space Weather Observations With InSight. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095432.	1.5	5
2	A K-Means Clustering Analysis of the Jovian and Terrestrial Magnetopauses: A Technique to Classify Global Magnetospheric Behavior. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006366.	1.5	4
3	The Origin of Observed Magnetic Variability for a Sol on Mars From InSight. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2020JE006505.	1.5	15
4	Crustal and time-varying magnetic fields at the InSight landing site on Mars. <i>Nature Geoscience</i> , 2020, 13, 199-204.	5.4	68
5	InSight Auxiliary Payload Sensor Suite (APSS). <i>Space Science Reviews</i> , 2019, 215, 1.	3.7	104
6	High-resolution shape model of Ceres from stereophotoclinometry using Dawn Imaging Data. <i>Icarus</i> , 2019, 319, 812-827.	1.1	51
7	Dawn mission's search for satellites of Ceres: Intact protoplanets don't have satellites. <i>Icarus</i> , 2018, 316, 191-204.	1.1	6
8	Variations in the amount of water ice on Ceres's surface suggest a seasonal water cycle. <i>Science Advances</i> , 2018, 4, eaao3757.	4.7	43
9	Extensive water ice within Ceres's aqueously altered regolith: Evidence from nuclear spectroscopy. <i>Science</i> , 2017, 355, 55-59.	6.0	169
10	Dawn arrives at Ceres: Exploration of a small, volatile-rich world. <i>Science</i> , 2016, 353, 1008-1010.	6.0	178
11	Vesta's missing moons: Comprehensive search for natural satellites of Vesta by the Dawn spacecraft. <i>Icarus</i> , 2015, 257, 207-216.	1.1	9
12	Dawn completes its mission at 4 Vesta. <i>Meteoritics and Planetary Science</i> , 2013, 48, 2076-2089.	0.7	54
13	Vestan lithologies mapped by the visual and infrared spectrometer on Dawn. <i>Meteoritics and Planetary Science</i> , 2013, 48, 2185-2198.	0.7	75
14	Dawn Science Planning, Operations and Archiving. <i>Space Science Reviews</i> , 2011, 163, 511-543.	3.7	20
15	Reconnection and flows in the Jovian magnetotail as inferred from magnetometer observations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	93
16	A brave new (virtual) world: distributed searches, relevance scoring and facets. <i>Earth Science Informatics</i> , 2008, 1, 29-34.	1.6	6
17	The architecture of a multi-tiered virtual observatory. <i>Earth Science Informatics</i> , 2008, 1, 21-28.	1.6	10
18	Mirror mode structures in the Jovian magnetosheath. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	88

#	ARTICLE	IF	CITATIONS
19	Dawn mission and operations. Proceedings of the International Astronomical Union, 2005, 1, 97-119.	0.0	7
20	The Locations and Shapes of Jupiter's Bow Shock and Magnetopause. AIP Conference Proceedings, 2005, , .	0.3	6
21	Probabilistic models of the Jovian magnetopause and bow shock locations. Journal of Geophysical Research, 2002, 107, SMP 17-1.	3.3	195
22	The dusk flank of Jupiter's magnetosphere. Nature, 2002, 415, 991-994.	13.7	44
23	The magnetic field and magnetosphere of Ganymede. Geophysical Research Letters, 1997, 24, 2155-2158.	1.5	127
24	Solar wind interaction with small bodies: 1. Whistler wing signatures near Galileo's closest approach to Gaspra and Ida. Advances in Space Research, 1995, 16, 47-57.	1.2	14
25	The design and implementation of scalable data systems and incremental data sets. AIP Conference Proceedings, 1993, , .	0.3	1
26	The morphology and architecture of a distributed data system. AIP Conference Proceedings, 1993, , .	0.3	3